

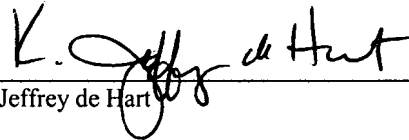


TOW

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 16, 2007.


K. Jeffrey de Hart

Applicant : Mario Gerla, et al. Confirmation No.3983
Application No. : 10/550,806
Filed : September 23, 2005
Title : METHOD AND APPARATUS FOR IMPROVED DATA
TRANSMISSION

Grp./Div. : 2616
Examiner : Lynn Diana Feild

Docket No. : 51990/R268

**INFORMATION DISCLOSURE STATEMENT
37 CFR § 1.97(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
August 16, 2007

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of each of the listed references are enclosed. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Application No. 10/550,806

The Commissioner is hereby authorized to charge any fees which may be required by this paper to Deposit Account No. 03-1728. Please show our docket number with any Deposit Account transaction.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By 

Josephine E. Chang
Reg. No. 46,083
626/795-9900

JEC/kjd

Enclosures: PTO/SB/08A/B, w/references

KJD PAS751045.1-* -08/16/07 4:28 PM

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	51990/R268
	Application Number	10/550,806
	Filing Date	September 23, 2005
	Applicant(s)	Mario Gerla, et al.
	Group Art Unit	2616
	Examiner Name	Lynn Diana Feild

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (If Known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶ (✓)

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		ALLMAN, et al., "On Estimating End-to-End Network Path Properties", ACM/Sigcomm 1999, pp. 1-12.
		BOUTREMANS, et al., "A Note on the Fairness of TCP Vegas," Proceedings of International Zurich Seminar on Broadband Communications, February 2000, pp. 163-170, Zurich Switzerland.
		BALAKRISHNAN, et al., "Explicit Loss Notification and Wireless Web Performance," In Proceedings of IEEE GLOBECOM '98 Internet Mini-Conference, November 1998, pp. 1-6, Sydney, Australia.
		BALAKRISHNAN, et al., "A Comparison of Mechanisms for Improving TCP Performance over Wireless Links," IEEE/ACM Transactions on Networking, December 1997, Vol. 5, No. 6, pp. 756-769.
		BALAKRISHNAN, et al., "Improving TCP/IP Performance Over Wireless Networks," MOBICOM '95, November 1995, 10 pgs., Berkeley, CA. USA.
		CASETTI, et al., "TCP with Faster Recovery." MILCOM 2000, October 2000, pp. 1-5, Los Angeles, CA.
		CLARK, "The Design Philosophy of the DARPA Internet Protocols," In Proceedings of Sigcomm '88 in ACM Computer Communication Review, vol. 18, no. 4, pp. 106-114, 1988.
		FALL, et al., "Simulation-based Comparisons of Tahoe, Reno, and SACK TCP," Computer Communication Review, V.26 N. 3, July 1996, pp. 5-21.

EXAMINER SIGNATURE		DATE CONSIDERED	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³ Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.			

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	51990/R268
	Application Number	10/550,806
	Filing Date	September 23, 2005
	Applicant(s)	Mario Gerla, et al.
	Group Art Unit	2616
	Examiner Name	Lynn Diana Feild

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		FLOYD, et al., "Random Early Detection Gateways for Congestion Avoidance," IEEE/ACM Transactions on Networking, August 1993, 22 pgs.
		FLOYD, "TCP and Explicit Congestion Notification," ACM Computer Communication Review, V.24 N. 5, pp. 10-23.
		GERLA, et al., "Generalized Window Advertising for TCP Congestion Control," CSD-TR 990012, UCLA, February 1999, 21 pgs., Los Angeles, CA.
		HENGARTNER, et al., "TCP Vegas Revisited," In Proceedings of IEEE INFOCOM'2000, March 2000, 11 pgs., Tel Aviv, Israel.
		HOE, "Improving the Start-up of A Congestion Control Scheme for TCP," Proc. ACM SIGCOMM '96 pp. 270-280.
		KESHAV, S., "A Control-Theoretic Approach to Flow Control," Proceeding of ACM SIGCOMM 1991, 13 pgs.
		KALAMPOUKAS, et al., "Explicit Window Adaptation: A Method to Enhance TCP Performance," In Proceedings of IEEE INFOCOM '98, March/April 1998, 30 pgs., San Francisco, CA, USA.
		LI, et al., "Link Capacity Allocation and Network Control by Filtered Input Rate in High Speed Networks," IEEE/ACM Transactions on Networking, vol. 3, no. 1, pp. 10-25, Feb. 1995.
		LAKSHMAN, et al., "The Performance of TCP/IP for Networks with High Bandwidth-Delay Products and Random Loss," IEEE/ACM Transactions on Networking, vol. 5, no. 3, pgs. 336-350, June 1997.
		PADHYE, et al., "On Inferring TCP Behavior," ACM/SIGCOMM '01, Aug. 2001, 12 pgs., San Diego, CA.
		FLOYD, et al., "The NewReno Modification to TCP's Fast Recovery Algorithm," RFC 2582, Experimental, April 1999, pgs. 1-12.
		HANDLEY, et al., "TCP Congestion Window Validation," RFC 2861, June 2000, pgs. 1-11.
		FLOYD, et al., "An Extension to the Selective Acknowledgment (SACK) Option for TCP," RFC 2883, July 2000, pgs. 1-17.

KJD PAS748065.1-*08/16/07 5:49 PM

EXAMINER SIGNATURE		DATE CONSIDERED	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³ Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.			

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE